Patent
264/217

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Markus Schweitzer, et al.

Serial No.: 09/910,469

Filed: July 19, 2001

For: SORTING AND IMMOBILIZATION SYSTEM FOR NUCLEIC ACIDS USING SYNTHETIC BINDING SYSTEMS

Group Art Unit: 1645

Examiner: Not Assigned

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, DC 20231

Sir:

The accompanying Form PTO-1449 provides a listing of documents which may be relevant to the subject application. A copy of each of these documents has been provided in related application Serial No. 09/783,763, and therefore copies will only be provided if the Examiner so requests. It is requested that the Examiner fully consider the art cited in the accompanying Form PTO-1449, initial the left-most column of the form adjacent each cited reference, and return a copy for Applicants' records. It is further requested that the art be cited on the cover of any patent issuing from the subject application.

No fee is believed to be due in connection with the filing of this document. However, if it is deemed otherwise, the Commissioner is hereby authorized to charge Deposit Account No. 12-2475.

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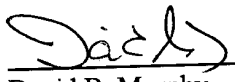
This statement should not be construed as a representation that more material information does not exist or that an exhaustive search of the relevant art has been made. Nor does this statement constitute an admission by Applicants or Applicants' agent that the information provided herein is necessarily prior art to Applicants' invention. Moreover, Applicants reserve the right to establish the patentability of the claimed invention over any of the listed documents should they be applied there-against as references.

Respectfully submitted,

LYON & LYON LLP

Dated: April 8, 2002

By: 
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FORM PTO-1449

LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.	SERIAL NO.
264/217	09/910,469
APPLICANT: Mark SCHWEITZER et al.	
FILING DATE: July 19, 2001	GROUP: 1645

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	BT	4,563,419	01/07/1986	Ranki	435	6	12/29/1983
	BU	4,751,177	06/14/1988	Stabinsky	435	6	06/13/1985
	BV	4,787,963	11/29/1988	MacConnell	204	450	05/04/1987
	BW	5,143,854	09/01/1992	Pirrung et al.	436	518	03/07/1990
	BX	5,202,231	04/13/1993	Drmanac et al.	435	6	06/18/1991
	BY	5,219,726	06/15/1993	Evans	435	6	06/02/1989
	BZ	5,632,957	05/27/1997	Heller et al.	422	68.1	09/09/1994
	CA	5,653,939	08/05/1997	Hollis et al	422	50	08/07/1995
	CB	5,695,940	12/09/1997	Drmanac et al.	435	6	06/05/1995
	CC	5,744,305	04/28/1998	Fodor et al.	435	6	06/06/1995
	CD	6,051,380	04/18/2000	Sosnowski et al.	435	6	12/05/197

FOREIGN PATENT DOCUMENTS

EXAM INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES	TRANSLATION NO
	CE	2156074	10/02/1985	United Kingdom				
	CF	86/03782	07/03/1986	WIPO				
	CG	570/87	04/01/1987	Yugoslavia				
	CH	88/10400	05/03/1988	United Kingdom				
	CI	89/10977	11/16/1989	WIPO				
	CJ	90/01564	02/22/1990	WIPO				
	CK	96/13522	05/09/1996	WIPO				
	CL	98/51819	11/19/1998	WIPO				
	CM	99/29711	06/17/1999	WIPO				
	CN	99/42558	08/26/1999	WIPO				

Examiner: Not Yet Assigned	DATE CONSIDERED:

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Information Disclosure Statement – Section 9 PTO-1449

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	CO	Anderson and Young, "Quantitative Filter Hybridization," Nucleic Acid Hybridization - A Practical Approach, Eds. B.D. Hames and S.J. Higgins (Washington, D.C. :IRL Press 1985) pp 73-111
	CP	Bains, "Setting a Sequence to Sequence a Sequence," Bio/Technology, 10:757-758 (1992)
	CQ	Barinaga, "Will 'DNA Chip' Speed Genome Initiative?", Science, 253:1489 (1991)
	CR	Beattie et al., "Genosensor Technology," The 1992 San Diego Conference: Genetic Recognition, pp 1-5 (Nov, 1992)
	CS	Beltz et al., "Isolation of Multigene Families and Determination of Homologies by Filter Hybridization Methods," Methods in Enzymology, 100:266-285 (1983)
	CT	Brady, A. et al., J.Chem.Soc., Perkin Trans., 1, 1997, pp. 3237-3253
	CU	Cheng J. et al., Nature/Biotechnology, 16, 6/98, pp 541-546
	CV	Chu, B.C.F. et al., "Ligation of oligonucleotides to nucleic acids or proteins via disulfide bonds", *Nucleic Acids Research*, Vol. 16, No. 9, pp. 3671-3691, 1988.
	CW	Conner et al., "Detection of Sickle Cell ^{3}-Globin Allele by Hybridization With Synthetic Oligonucleotides," Proc. Natl. Acad. Sci. USA, 80:278-282 (1983)
	CX	Drmanac et al., "DNA Sequence Determination by Hybridixation: A Strategy for Efficeint Large-Scale Sequencing," Science, 260: 1649-1652 (1993)
	CY	Drmanac et al., "Sequencing of Megabase Plus DNA by Hybridization: Theory of the Method," Genomics, 4:114-128 (1989)
	CZ	Edman C.F. et al., Nucleic Acids Research, 25, 1997, 4907-4914
	DA	Fodor et al., "Light-Directed, Spatially Addressable Parallel Chemical Synthesis," Science, 251:767-773 (1992)
	DB	Fodor et al., "Multiplexed Biochemical Assays With Biological Chips," Nature, 364:555-556 (1993)
	DC	Fredericks P.M., et al., Materials Characterization Using FT-IR Spectra. Part 2: Mathematical & Statistical Considerations, Applied Spectroscopy, 39, 2, 1989, p. 311
	DD	Ghadiri, M. R. et al., Nature, 366, 1993, pp 324-327
	DE	Goodwin, J.T. et al., "Template-Directed Synthesis: Use of a Reversible Reaction", *J. Am. Chem. Soc.*, Vol. 114, pp. 9197-9198, 1992.
	DF	Guo Z. et al., Nucleic Acids Res, vol. 22, no. 24, 1994, pp 5456-5465, Direct Fluorescence Analysis Of Genetic Polymorphism By Hybridization With Olognucleotide Arrays
	DG	Hayakawa Y. et al, J.Am.Chem.Soc. 112, 1990, 1691
	DH	Heller, M.J., IEEE Engineering In Medicine & Biology, March/April 1996, 100-104 An Active Microelectronics Device For Multiplex DNA Analysis
	DI	Huc, I., Lehn, J.M., Proc.Nat.Acad.Sci.USA, 94, 1997, pp 2106-2110
	DJ	Kozal M.J. et al., Nature Medicine, vol. 2, no. 7, 1996, 753-759
	DK	Lehn J.M., J.Chem.Soc. Chem. Commun., 49, 1990
	DL	Malinowski E.R. et al, Factor Analysis In Chemistry, John Wiley & Sons, New York, 1980
	DM	Marshall, A. et al, Nature Biotechnology, vol. 16, 1998, pp 27-31
	DN	Miculka, C. et al, European BioPharmaceutical Review, 6/98, pp 52-57
	DO	Ramsay, G., Nature Biotechnology, vol. 16, 1998, pp 40-44

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	DP	Ranki et al., "Sandwich Hybridization as a Convenient Method for the Detection of Nucleic Acids in Crude Samples," Gene, 21:77-85 (1983)
	DQ	Schlonvogt, I. et al., "188. Pyranosyl-RNA ('p-RNA'): NMR and Molecular-Dynamics Study of the Duplex Formed by Self-pairing of Ribopyranosyl-(C-G-A-A-T-T-C-G)" *Helv. Chim. Acta*, Vol. 79, pp. 2316-2345, 1996.
	DR	Sosnowski R. et al., Proc. Natl.Acad.Sci, 94, 1997, 1119-1123
	DS	Southern et al., "Analyzing and Comparing Nucleic Acid Sequences by Hybridization to Arrays of Oligonucleotides Evaluation Using Experimental Models," Genomics, 13:1008-1017 (1992)
	DS	Strezoska et al., "DNA Sequencing by Hybridization: 100 Bases Read by a Non-Gel-Based Method", Proc. Natl. Acad. Sci. USA, 88:10089-93 (1991)
	DU	Taylor P. et al, Principles Of Drug Action-The Basis Of Pharmacology, Edited by W.B. Pratt, P. Taylor, Third Edition, Churchill Livingston, 1990, pp 1-74.
	DV	Wallace et al., "Hybridization of Synthetic Oligodexribonucleotides to x 174 DNA: The Effect of Single Base Pair Mismatch," Nucleic Acid Res., 6:3543-3557 (1979)
	DW	Westin, L.. et al., "Antimicrobial Resistance and Bacterial Identification Utilizing a Microelectronic Chip Array", *J. Clinical Microbiol.*, Vol. 39, No. 3, pp. 1097-1104, 2001.
	DX	Zhang, Y. et al, J.Am.Chem.Soc., 116, 1994, pp 1661-1669

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